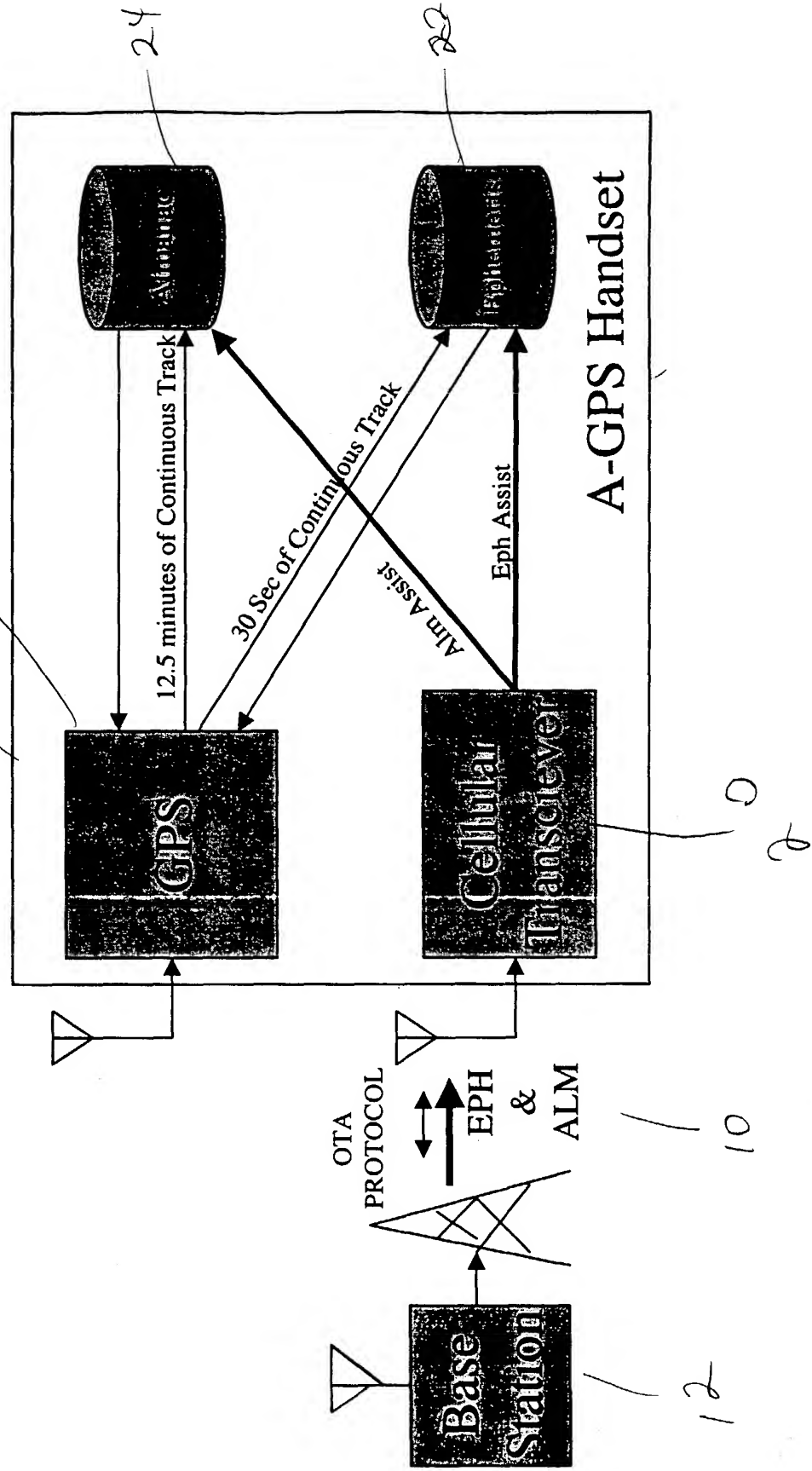


FIG. 1

Prior Art



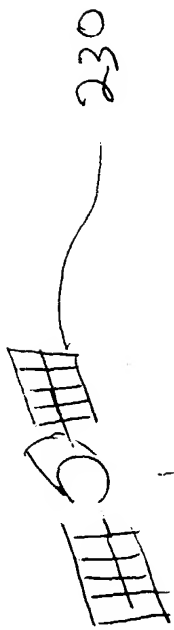
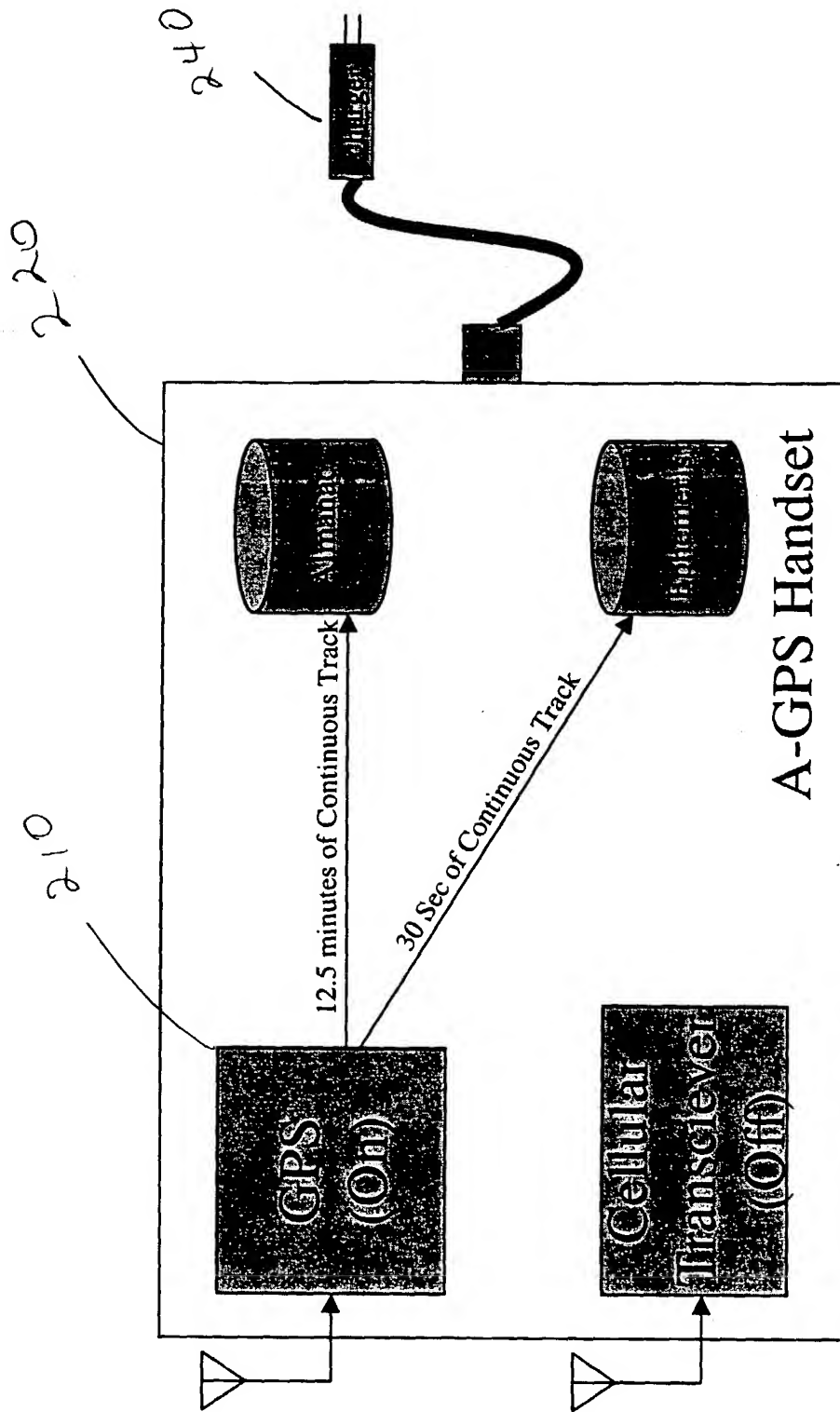


Fig 2



300

FIG 3

310

CONNECTED TO  
EXTERNAL  
POWER  
?

NO

YES

320

RECEIVE SATELLITE  
NAVIGATION  
INFORMATION

330

STORE SATELLITE  
NAVIGATION INFORMATION

340

BATTERY  
RE-CONNECTED  
?

NO

350

DOWNLOAD  
COMPLETE  
?

YES

END

NO

360

CONDITION  
SATISFIED  
?

YES

COMPLETE  
DOWNLOAD

380

370

END DOWNLOAD

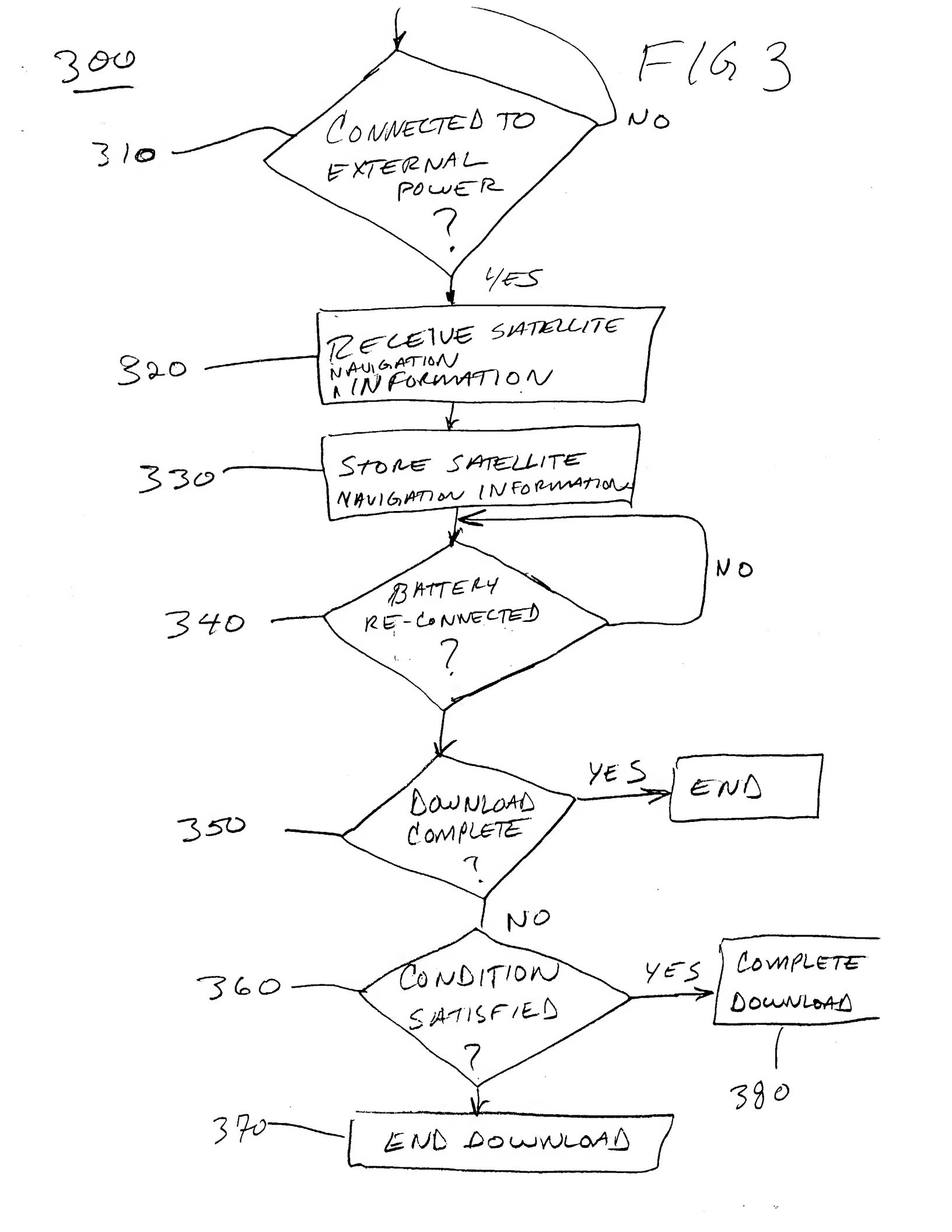


FIG 4

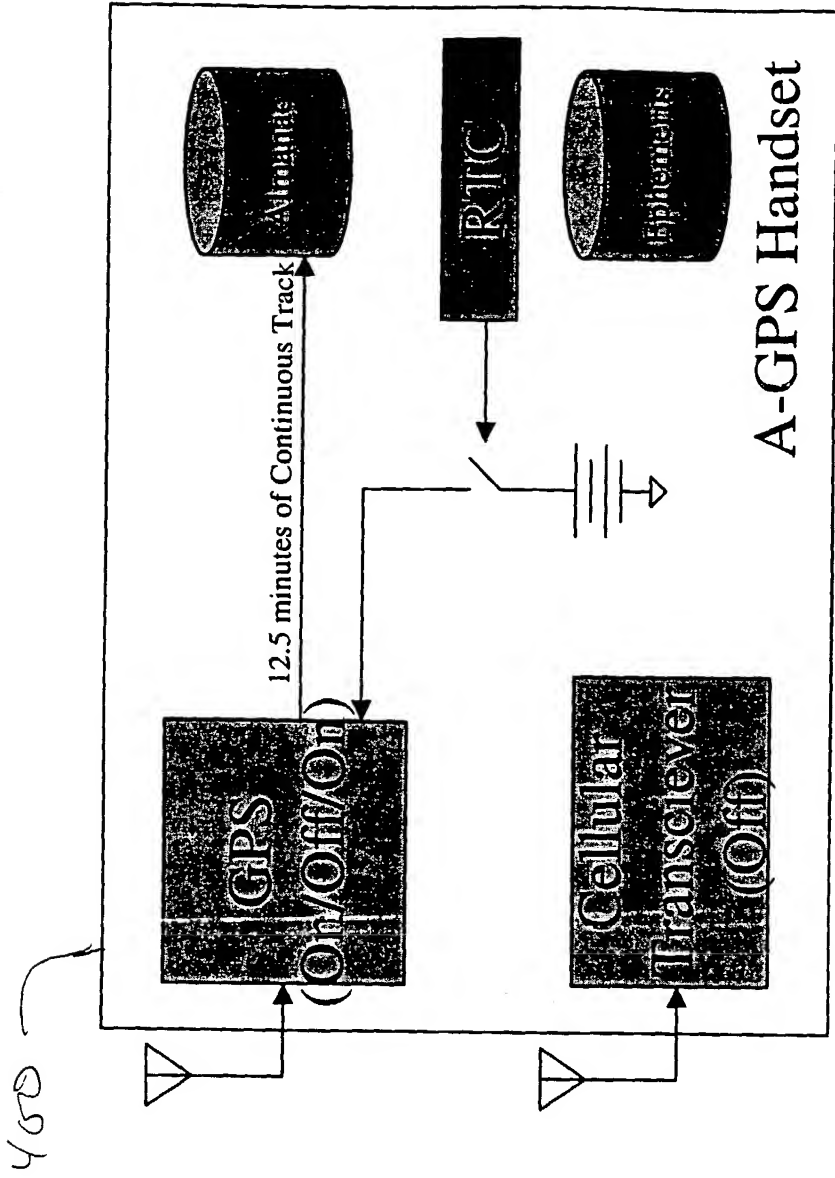


FIG 5



F166

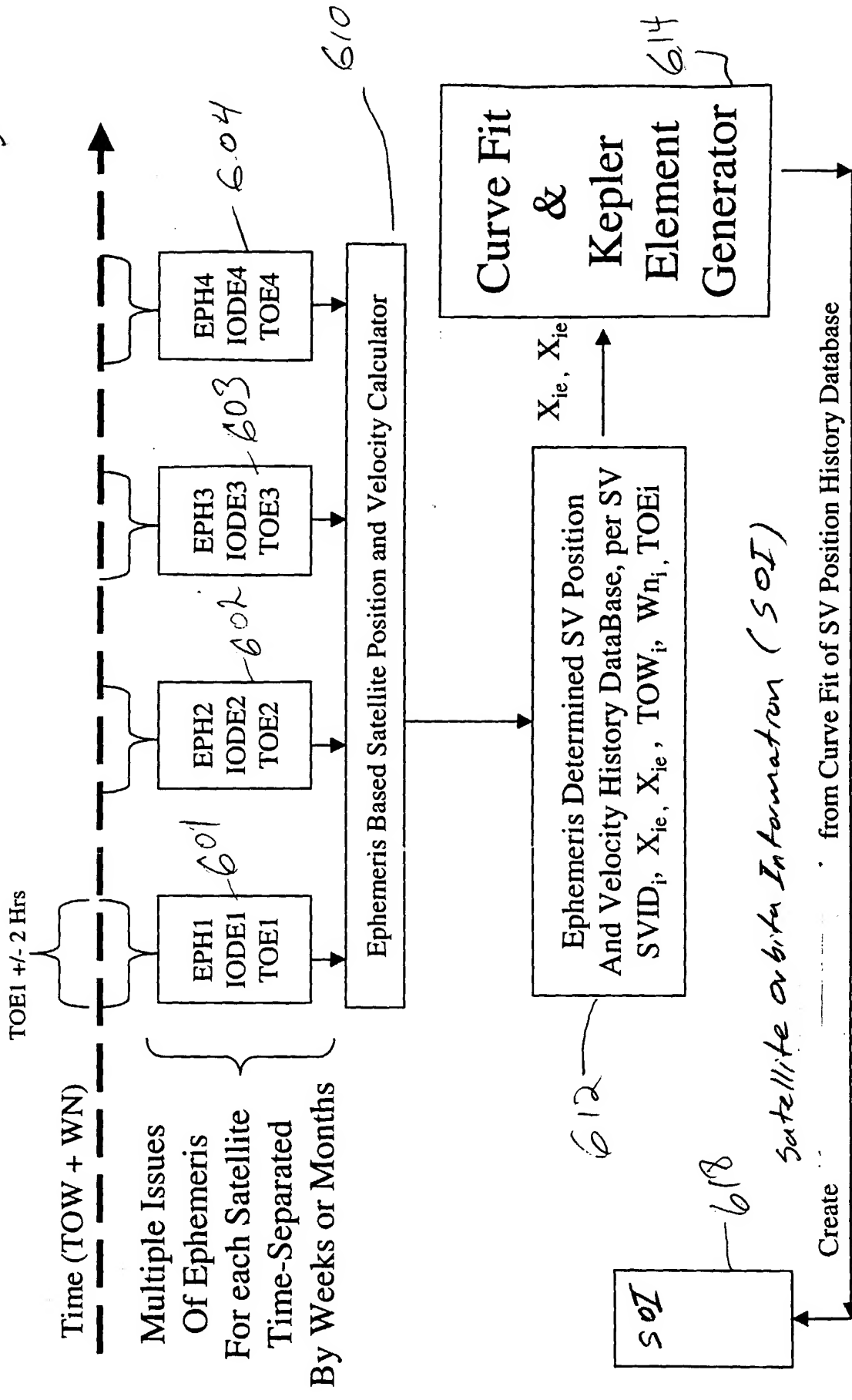
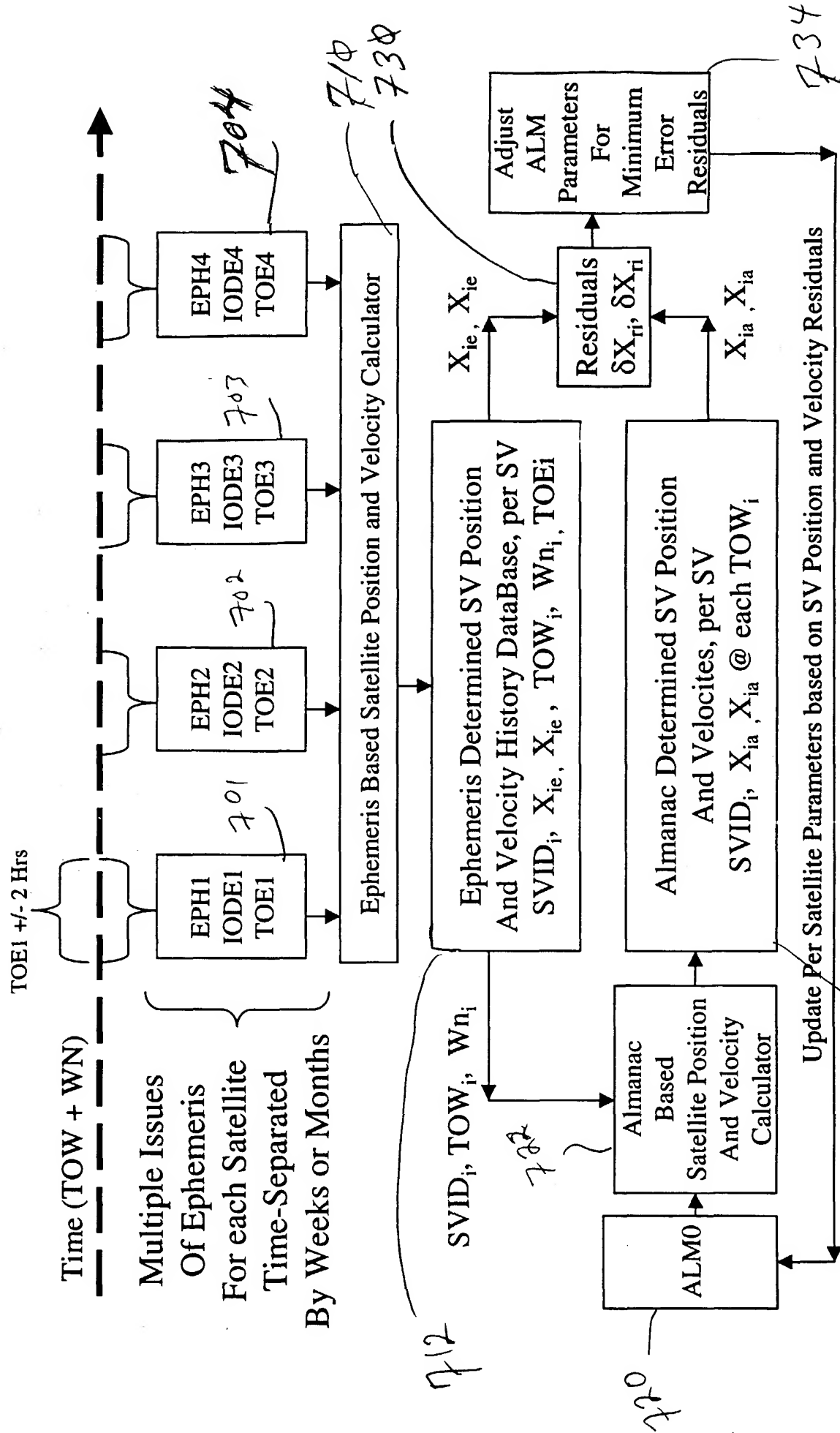


Fig 7



724

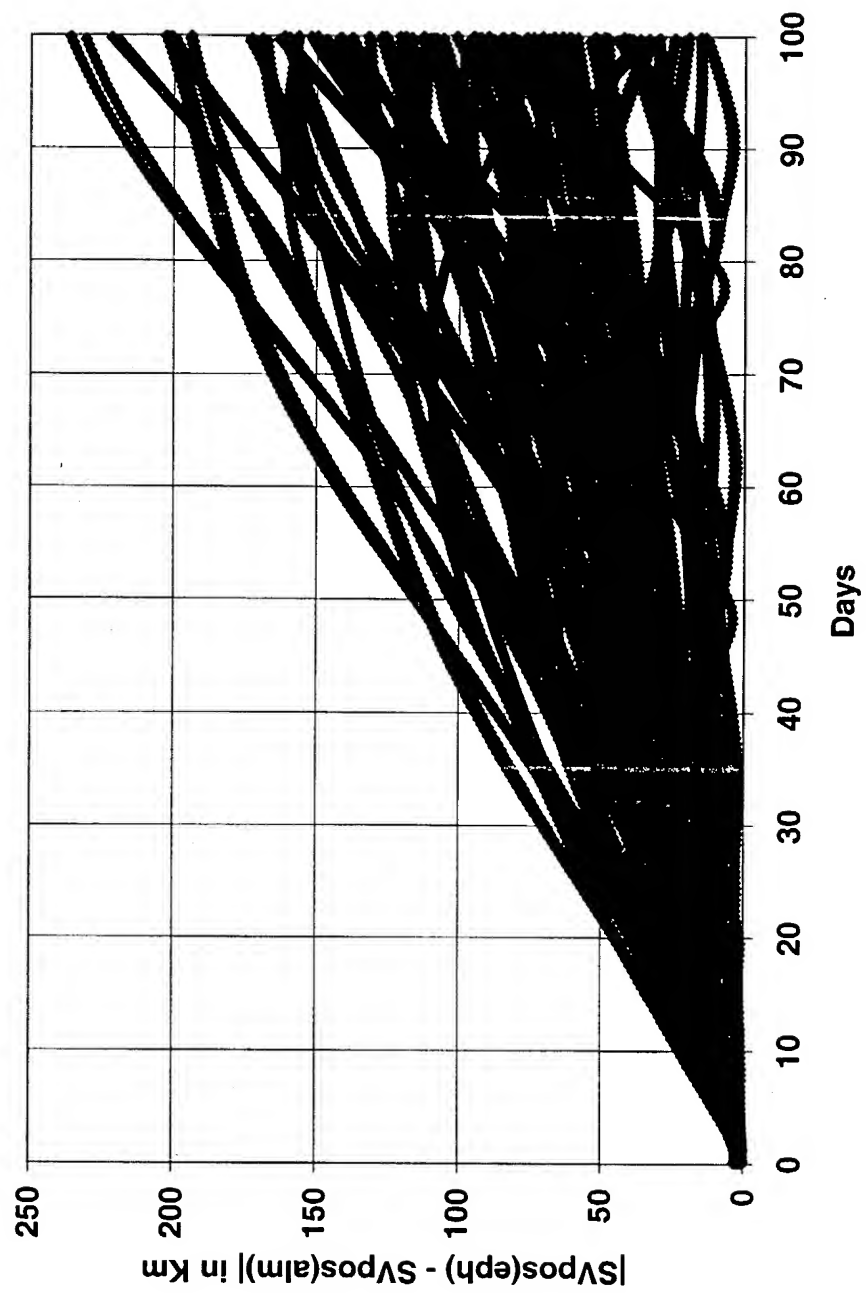


FIG. 8

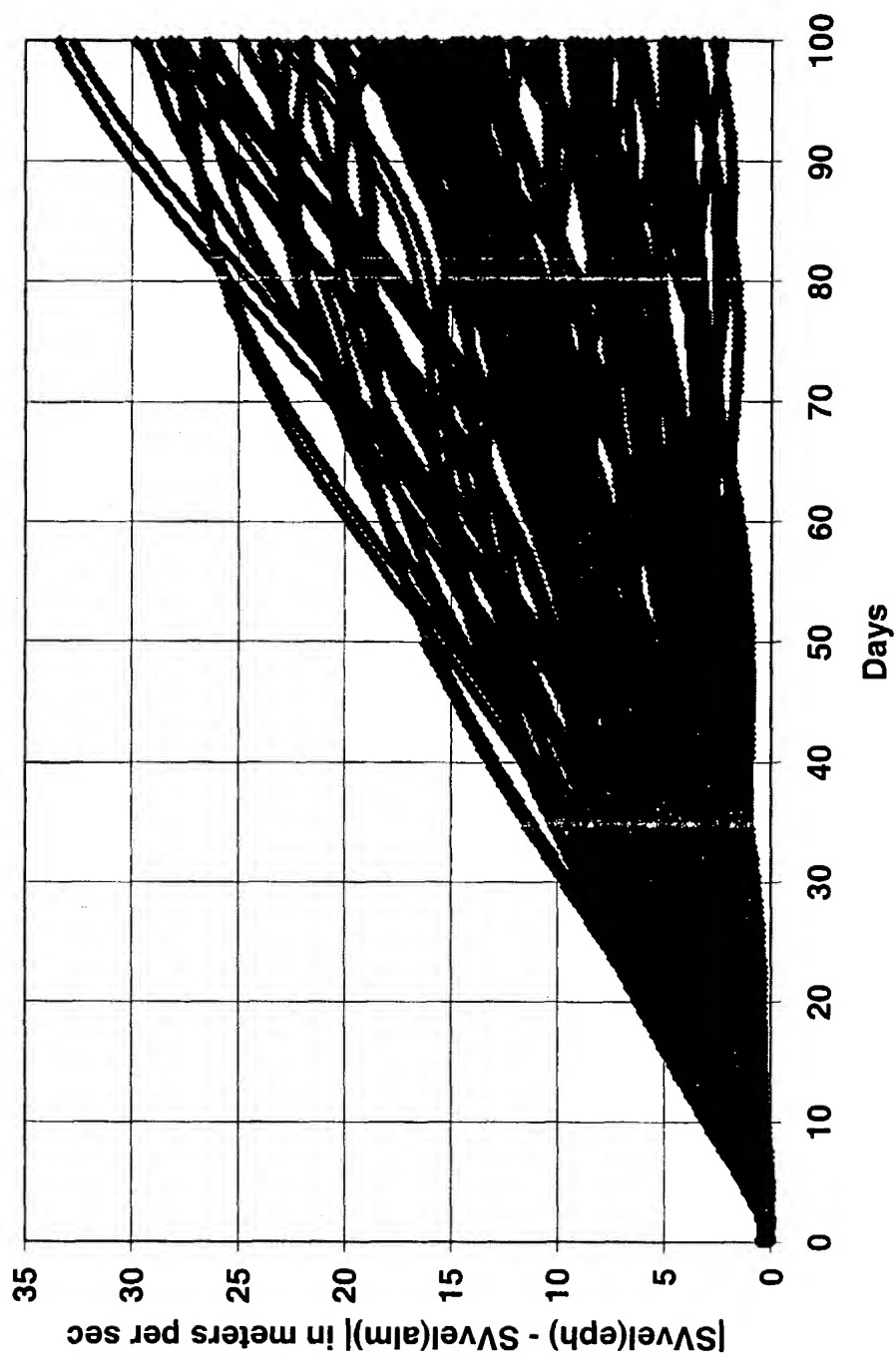
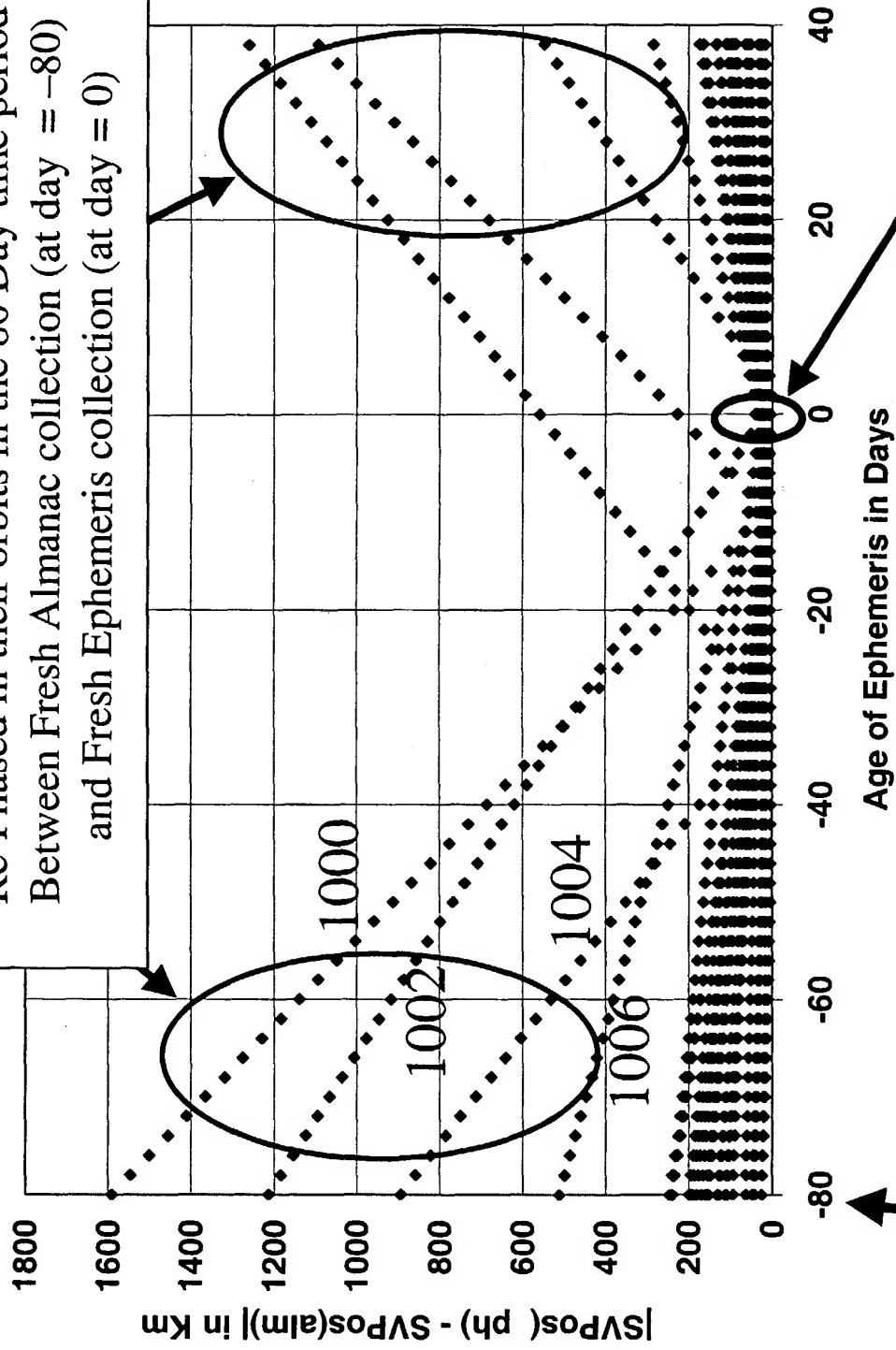


FIG. 9



Fig. 10



Satellites with  $> 200 \text{ Km}$  Difference Have Been Re-Phased in their orbits in the 80 Day time period Between Fresh Almanac collection (at day  $= -80$ ) and Fresh Ephemeris collection (at day  $= 0$ )

Eph Most Accurate, Alm Error  $< 40 \text{ Km}$  after 80 days

Almanac Fresh At This Time

FIG. 11

